

A Method for Investigating the Ability of Plants
to Endure Wilting, by D. I. Kolpikov, P. P. Teterin
3 pp.

RUSSIAN. per, Fiz Rasteniy, Vol VII, No 5, 1960,
pp 616-618.

AIBS

159, 741

Sci

Jul 61

Study of Rate of Water Exchange in Field Conditions
Using a Balance and Moisture Meter, by D. I. Kolpikov,
P. P. Teterin, 3 pp.

RUSSIAN, por, Fiz Rasteniy, Vol V, No 1, 1958,
pp 205-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,588

The Effect of Secretion of the Cutaneous Glands
of the Toad on Certain Immunological Properties
of Animals, by V. I. Zakharov, H. V. Kolpikov,
B. M. Kurtser, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIX,
No 2, 1960, pp 85-89.

CB

Sci
Oct 60

128,553

Kolpikov, N. P.

THE RELATION BETWEEN THE RESERVOIR PROPERTIES AND PETROGRAPHIC CHARACTERISTICS OF LOWER CRETACEOUS TERRIGENOUS ROCKS OF THE OZEK-SUAT DISTRICT. [1960] 6p.

Order from ATS \$9.30

ATS-60M44R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeniya. Neft' i Gas (USSR) 1959, v. 2, no. 11, p. 3-9.

(Earth Sciences--Geology, TT, v. 5, no. 5)

61-12332

I. Rock--Physical properties

I. Kolpikov, N. P.

II. ATS-60M44R

III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

Recomputation of ~~XXXX~~ Coordinates of Points From
Zone to Zone, by V. Kolpikov, 7 pp.

RUSSIAN, per, Voyenny Vestnik, No 3, 1962.

ACSI-I-0424-C
ID 2191530

Sci
Oct 62

214,269

(DC-5965)

Photographic, Motion Picture, and Optical
Equipment at the Third International Fair
at Brno, & by J. Kalus, 8 pp. GOVERNMENT
USE ONLY

CZECH, per, M Jena Mechanika a Optika,
Vol VI, No 11, 1961, pp 370-392.

JPAS 12702

EBur - Czech
Econ
Mar 62

183,562

(NY-4373)

The Optical Industry of Czechoslovakia, by
Jaroslav Kolrus, 11 pp.

CZECH, per, Feingeratetechnik, Vol IX, No 5,
1960, Berlin, pp 205-208.

JPRS 5829

EHur - Czechoslovakia
Econ
Nov 60

131,181

Kolsek, J.
A PROCESS FOR THE PAPER CHROMATOGRAPHIC
SEPARATION OF SUBSTANTIVE DYESTUFFS.
25 Aug 59, 9p. 5 refs.
Order from SLA \$1.10

62-10010

Trans. of Chemiker Zeitung (West Germany) 1959,
v. 83 [no. 14] p. 478-481.

DESCRIPTORS: *Dyes, *Paper chromatography,
Chromatographic analysis, Organic solvents, Methyl
radicals, Ruthalates, Pyridines, Water, Separation.

Some 48 examples show that the solvent system di-
methylphthalate pyridine-water is suitable for the
chromatographic separation of a sizable number of
direct dyestuffs.

(Chemistry--Analytical, TT. v. 7, no. 7)

62-10010

I. Kolsek, J.

197283

Office of Technical Services

(DC-3901)

On the Formalization of Context, by G. V. .
Kolshanskiy, 8 pp.

RUSSIAN, bk, Mashinnyy Perevod i Prikladnaya
Lingvistika, No 5, 1961, pp 45-50.

JPRS 13761

Sci - Misc
Machine Translation
May 62

196,263

(DC-3924/38)

What Is the Difference Between Sign Systems, by
G. V. Kolshanskiy, 11 pp.

RUSSIAN, per, Voprosy Filosofii, No 5, 1960,
pp 126-134.

JPRS 6347

Sci - Misc

Dec 60

134,509

Study of the Electrical Conductivity of the Liver of
Irradiated Animals, by Ye. V. Burlakova, O. B. Kol's,
8 pp.

RUSSIAN, per, Biofiz, Vol V, No 2, 1960, pp 194-201.

PP

Sci

Nov 60

122,088

Gr-8

(DC-1851)

Soviet Developments in Machine Translation. The
Possibilities of Machine Translation, by L. S.
Barkhudarov, G. V. Kolshanskiy, 9 pp. UNCLASSIFIED

RUSSIAN, per, Voprosy Yazykovedeniya, Vol VII,
No 1, Moscow, 1958, pp 129-133.

US JPRS/DC-319

78,013

~~SECRET~~

Sci - Eng (Technological, machine translation)
Dec 58

Pharmacodynamic Properties of the Chlorhydrate of
Chloro-3 (Dimethylamino-3 Propyl) -- 10 Phenothiazine
(4,560 R. P.) Experimental Study of a New Compound
Used in Potential Anesthesia and Artificial
Hibernation, by Simone Courvoisier, Julien Fournel,
Rene Ducrot, Madeleine Kolsky, Pierre Koetsch, 61 pp.

FRENCH, per, Arch intern pharmacodynamie, Vol ~~XXX~~
1953, pp 305-361.

AEC Tr 2088

22,409

Scientific - Medicine
Chemistry

Mar 55 CTS/DEX

The Torsion Strength of Fired and Chemically
Bonded Basic Refractories at High Temper-
atures, by M. Koltermann, et al. 113
Garmisch, Ger., Berichte der Deutschen Ker-
amischen Gesellschaft, Vol 41, No 11,
1964, pp 632-638.
EISI 4471

M. Koltermann

Germany
Sci/Eng
et al.

297,167

Correlation Between the Voltmeter at Potentiometric and Amperometric Titration, by I.M. Koltgof.

RUSSIAN, per, 8 times yr, Uspekhi Khim, Vol XXIV, No 6, 1955, pp 673-687.

Tech & Comm Tr
Hanna George Voelker
2135 Spruce St.
Philadelphia 23, Pa.

32,189

USSR
Sci - Chemistry

Mar 1956 CTS

Compounds Between Sugars and Salts, by I.M.
Kolthoff.

GERMAN, per, Java Archief, No. 12, 1923, pp 261.
CER.CO/

I. M. Kolthoff

Sci -
July 1967

334,017

OBTAINING A GIVEN PHASE SHIFT BETWEEN VOLTAGES
BY THE BEATING METHOD, BY E. D. KOLTIK, 3 PP.

RUSSIAN, PER, IZMERITEL TEKH, NO 6, 1961,
PPPP 36-37.

ISA

SCI
FEB 62

183,050

86
Accurate Phase Shifting Devices for the Region of
Infralow Frequencies from 0.001 to 100 Hertz, by
Ye. D. Koltik, S. A. Kravchenko, 20 pp.
RUSSIAN, per, Trudy Institutov Goskomiteta,
No 82(142), pp 67-82.
NAV/NIC/Tran-3040-70

Ye. D. Koltik

Sci/Elect
June 70

A. Yu. Kolton, I. E. Stenberg.
Contents List of "Fundamentals in the Theory and
Hydrodynamic Design of Water Turbines, M. Mashgin,
Moscow, 1958.

DSIR LLU M. 1046

Sci

Oct 61

135

Radiant Gas Flow Near the Stagnation Point of a
Blunt-Nosed Body, by G. A. Kolten, 8 pp.
RUSSIAN, per, Universitet. Vestnik, Seriya
Matematiki, Mekhaniki i Astronomii, No 13, 1964.
P100371767-V
FTD-MT-65-02

G. A. Kolten

Sci/Mech, Indus, Civil & Mar Engr
Feb 68 309,367

Flow of a Radiating Gas in the Neighborhood of
the Stagnation Point of a Blunt Body, by
G. A. Kolton, 7 pp.
RUSSIAN, per. Vestnik Leningrad Univ., No 13, 1964,
pp 103-109.
CIA/FDD X-8606

G. A. Kolton

Sci - Engr

May 65

FOR OFFICIAL USE ONLY

278,996

Hypersonic Inviscid Radiating Gas Flow
Around a Cone, by G. A. Kolton, 9 pp.
RUSSIAN, per, Vest Leningrad Univ, Math,
Zhuk & Astron, No 7, 1968, pp 118-126.
CIA/PDB X-5683

Sci - Engr

Aug 68

FOR OFFICIAL USE ONLY

287,539

Koltovsk, A. N., Lyudkovskaya, I. G., and
Vereshchagin, N. V.

THE PATHOGENESIS AND MORPHOLOGY OF
CEREBROVASCULAR DISTURBANCES DUE TO
LESIONS OF THE CAROTID AND VERTEBRAL
ARTERIES. [1963] [16p. (figs. omitted) 28 refs. FASEB
manuscript no. S 189-2.

Order from OTS or SLA \$1.60
figs. available on loan from OTS

63-19380

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 3,
p. 18-26.

DESCRIPTORS: Pathology, Etiology, Morphology, Blood
vessels, *Brain, *Arteries,

Various forms of lesions of the carotid and vertebral
arteries are found in more than half the number of
persons dying from cerebrovascular disturbances. Com-
(Biological Sciences--Pathology, TT, v. 10, no. 4)
(over)

63-19380

1. Title: Carotid artery
2. Title: Vertebral artery
- I. Koltovsk, A. N.
- II. Lyudkovskaya, I. G.
- III. Vereshchagin, N. V.
- IV. FASEB S-189-2
- V. Federation of American
Societies for Ex-
perimental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

(NY-5596)

Peculiarities of the Affection of the Cerebrum in
Thrombosis of the Internal Carotid Artery at
Different Levels, by A. E. Koltover, I. G. Fomina,
I. V. Gannushkina, 19 pp.

RUSSIAN, per, Arkhiv Patolog, Vol XXII, No 11,
1960, pp 72-77.

JPRS 7716

Sci - Med

142,079

Mar 61

SLA: 61-21253

(SF-1878)

REPORT ON SIBERIAN SCIENCE, BY B. KOLTOVOY,
M. BURENKOV, 4 PP.

RUSSIAN, NP, IZVESTIYA, NO 233 (13779),
30 SEP 1961, P 4.

JPRS 13788

SCI - MISC

MAY 62

194,859

(DC-6833)

THE MATHEMATICS OF A LIVING ORGANISM, BY
B. KOLTOVOY, 6 PP.

RUSSIAN, NP, IZVESTIYA, NO 84, 8 APR 1962, P 3.

JPRS 13912

SCI - MED

JUN 1962

197,415

NY 6503)

The Brain Takes a Look At Itself, by B.
Koltovoy, Ye. Khudyakova, 13 pp.

RUSSIAN, np, Izvestiya, No 23, 4-10 Jun 1961,
pp 4-6.

JPRS 10150

Sci - Med
Oct 61

170,542

(NY-3000/2)

A Glimpse Future for the "Little Movie" 3 pp.

By G. Garin, Al. Kol'tsatyy,

RUSSIAN, np, Ekonomicheskaya Gazeta, No 155(827),
30 Nov 1960, p 3.

JPRS 9748

USSR

Econ

Aug 61

163,702

On the Calculation of Measuring Circuits of
Electronic Automatic Balanced Bridges, by
Kol'tsov A. A., 9 pp.

RUSSIAN, per, Iz Vysshikh Nchev Zaved,
Priborostroyeniye, Vol VII, No 2, 1964,
pp 39-45.

JPRS 26079

Sci

Sep 64

266,656

Telemetering Compensation Device for Linear
Transference, by A. A. Kol'tsov, L. P. Kulikovskiy,

RUSSIAN, per, Avtomat i Telemekh, Vol XIX, No 3,
1958, pp 280-.

Instru Soc of Amer

Sci

Apr 60

111, 758

Nuclear Magnetic Resonance Studies -- I. On Polymers,
by N. M. Bazhenov, M. V. Vol'kenshtayin, A. I. Kol'tsov
pp 2.

RUSSIAN, per, Vysokomol Soyedin Vol I, No 7, 1959,
pp 1048-1055.

PP

7
/64, 453

Sci

Aug 61

Two World Records for the MI-6 Helicopter, by
N. Kol'tsov, *2 pgs.*

RUSSIAN, np, Sovetskaya Aviatsiya, No 90, 17 Apr
1959, p 3-2 *— 6-11-59*

*ATIC MCL-190/V

Sci - Aero

17 Jun 59

the Catlike Content in the Skins of Vertebrates 58
as a taxonomic trait, by N. N. Kol'tsov. 28 pp.
Zool. zh., ser. Zh. eksp. zool., Vol 5, 1927
pp. 333-334.

100/14/17 741

100/14/17

N. N. Kol'tsov

100/14/17

100/14/17

395,251

What Is a Radio War?, by Ya. Varaksin;
Spectrovizor - A New Type of Oscilloscope, by
V. Koltsov, 15 pp.

RUSSIAN, per, Radio, No 6, 1958, pp 16-18,
21-23.

ACSI, H-4781

Sci - Electron

Dec 59

104,455

Some Problems in the Improvement of National
Economic Planning, by V. Koltsov, 3 pp.

RUSSIAN, per, Voprosy Ekonomiki, No 2, 1959.

Internatl Arts and Sci Press
Vol II, No 2

Aug 59

93, 966

Bending of a Plate on a Combined Base, by V. S. Koltsov,
10 pp.

RUSSIA, per, Inzhenernyy Zhur, Vol III, No 2, 1963,
pp 398-402.

JPRS 26019

Sci - Engr

266,530

Sep 64

Bending of an Elastically Supported Circular
Orthotropic Plate, by V. S. Kol'tsov, 13 pp.

RUSSIAN, per, Inzhenernyy Zhur, No 1, 1963.

JPRS 19612

Sci

Jun 63

234,902

Effect of Surface-Active Substances (Color-Formers)
on the Specific Viscosity of Gelatin Solutions and
Photographic Emulsions, by B. V. Deryagin, S. M. Levi,
V. B. Kol'tsov, 9 pp.

RUSSIAN, thrice-so per, Dok Ak Nauk SSSR, Vol LXIX,
No 2, 1961, pp 283-286.

CIA/RDD/K-1092

Scientific - R Chemistry CTS/SEA

5587

61-10882

Kol'tsov, V. V.
THE USE OF THE SPECTROVISOR FOR THE STUDY
OF THE SPECTRAL REFLECTING POWER OF
SMALL LAND OBJECTS FROM AN AIRPLANE. [1961]
18p. (7 figs. omitted) 7 refs.
Order from OTS or SLA \$1.60

I. Kol'tsov, V. V

Trans. of [Akademiya Nauk SSSR]. Laboratoriya
Aerometodov. Trudy, 1959, no. 7, p. 58-69.

709 2.321
DESCRIPTORS: *Aerial photography, *Optical
instruments, *Reflection, Brightness, Measurement,
Tests, *Spectrophotometers.

(Earth Sciences--Geodesy, TT, v. 6, no. 2)

Measurements of the Coefficients of Spectral
Brightness in Conditions Outside the Laboratory,
by V. V. Kol'tsov.

RUSSIAN, per, Svetotekhnika, Vol VI, No 12, 1960,
pp 8-12.

MLL M. 3615

Sci - Phys

207.381

Aug 62

What Bombing Method is Best? by Yu. N. Kol'tsov,
2 pp.

RUSSIAN, no par, Vest Voz Flot, No 5, 1957,
pp 84-85. CIA 605722.

ATIC

60,936

USSR
Military

Mar 58

Long-Term Flucuation of Cerebral Electrical Activity
as Related tonCoagulation of the Connections between
Hypothalamus and Hypophysis, by N.A. Aladzhalova and
A.V. Kol'tsova, 5 pp.

RUSSIAN, per, Byulleten' Eksperimental'noi
Biologii i Meditsiny, Vol IV, No 2, 1963, pp 7 -12,

CB

Sci

May 64

256,915

Very Slow Rhythmic Variations in the Potential of
the Nuclei of the Hypothalamus and the Thalamus, by
N. A. Aladzhelova, A. V. Khlitsova, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVI, No 10,
1958. pp 3-7.

Consultants Bureau

Sci - Med

Jun 59

90, 331

Development of system as the Basis of
the Process of Generalization, by
M. M. Kal'tsova. 6 pp.

RUSSIAN, per, Zhur Vyshey Nerv Deyatel'
Izvesti I. P. Pavlova, Vol X, No 2, 1960,
pp 167-172.

FF

Sci

198, 369

Feb 62

The Role of Temporary Connections of Associative Type
in the Development of Systematized Activity, by
M. M. Kol'tsova, 5 pp.

RUSSIAN, per, Zhur Vysshey Nerv Deyatel Imeni I. P.
Pavlova, Vol XI, No 1, 1961, pp 56-59.

PP

Sci
Apr 62

192,810

(FDD 21543)

Conditioned Reflexes to the Relation of Stimuli
in Children of Early Age, by M. N. Kol'tsova,
11 pp.

RUSSIAN, bk, Trudy Instituta Fiziologii imeni
I. P. Pavlova Voprosy Fiziologii i Patologii
Vysshy Mervnoy ~~Neizmenchimykh~~ Deyatel'nosti,
Moscow/Leningrad, 1952, pp 266-271.

CIA/FDD/U-6411

USSR

Sci - Medicine

BT-1757 18,20.2

Solar Batteries of the Future, by M. Koltun, 5 pp.

RUSSIAN WEEKLY per, Nauka i Zhizn', 10 Oct 1961,
pp 63-64. 9666820

FTD-TT-62-972

Sci - Space Res
Nov 62

216,870.

Determinations of the Constants of Pure o-Xylene
and Development of Indices for Characterisation
of the Technical Products, by L. Ya. Kolyandr,
A. M. Grinberg, R. M. Koltan, T. I. Zaslavskaya,
4 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXVI, No 4,
1953, ~~pp 438-441~~ pp 438-441.

Consultants Bureau

Scientific - Chemistry Dec 1954 CTS

20,327

Spicule Analysis and Its Use in Geology, by V. M.
Koltun, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 4, 1

AGI

Sci

Oct 61

172,910

39
Analysis of [illegible] in [illegible] [illegible] by
M. A. [illegible], T. M. [illegible], & [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
PTB-11-41-88

CIA/FDD X-6253 F040

Oct - 19/88
Jul 84

20,70

The Kinetics of the Oxidation of Hydrazine by Nitric
Acid in Aqueous Solution

By V. S. Koltunov, V. A. Nikol'skii, pp. 5

RUSSIAN, per, Kinetika i Kataliz, Vol III,
No 6, 1962, pp. 877 - 881

CB

Sci

Oct 63

240-854

Nucleotides, ~~Enzymes~~ Coferments and Phosphoric
Esters. II. Synthesis of Cocarboxylase, by
B. M. Berezcovskiy, V. I. Koltunova, 6 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXXIII,
No 1, 1963, pp 49-54.

CU

245,683

Sci
Dec 63

Children's Diseases, by A. Koltypin,

RUSSIAN, bk.

NLL (loan)

Sci

Jul 64

FOREIGN LANGUAGES Publishing House

Investigation of the D-D Reaction in the
Deuteron Energy Range of 0.20-1.75 Mev, by
V. V. Volkov, P. E. Vorotnikov, E. A. Koltypin,
N. I. Sidorov, G. B. Yan'kov, 6 pp.

RUSSIAN, ⁵ Sov. Atomnaya Energiya, Supple No 8,
1957, pp 15-25. CIA 9033743

Consultants Bureau

Sci - Nuclear Phys
Nov 58

77048

The Upper Limit of the Radiation Capture Cross
Section of 275 Kev Resonance Neutrons by Li^7 , by
E. A. Koltypin, V. M. Morozov, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 2, Nov-Dec 1956, pp 331-

Amer Inst of Phys
Sov Phys "Doklady
Vol I, No 6

Sci - Physics
Oct 57

53,425

Photochemistry of Quinones, by G. O. Schenck,
K. Koltzenburg, 3 pp.

GERMAN, per, Naturwissenschaften, Vol XLI,
1954, p 452.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD XI-310

Sci - Chem

Jun 57

IAC INTERNAL USE ONLY

49,159

Time Determination in the North, by A. P. Kolupayev

RUSSIAN, bk, Sbornik Nauchno-Tekhnicheskikh i Proizvodstvennykh Statey po Geod, Kart, Topograf, Aero, Grav, Vol. XXIII, 1949, pp 63-79.

ACIC

Sci - Geophys

Jun 62

203, 153

Energy Spectrum of the Electrons and Ions Passing
Out Through the Ends of a Magnetic Mirror Machine,
by Ya. G. Zubov, E. A. Koltypin, E. A. Lobikov, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIII, No 6, 1963,
pp 686-692.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol VIII, No 6

Sci -
Dec 63

244,111

Blood Changes During Electrically Induced Sleep,
by M. I. Ul'yancov, G. P. Kalupayev, 3 pp.

RUSSIAN, per, Byul Ekspier Biol i Med, Vol XLIX,
No 5, 1960, pp 51-53.

08

Sci

Feb 61

138,603

(DC-4400/4)

Capitalism Engenders Crises, by V. Koltypin, 6 pp.

RUSSIAN, per, Kommunist, No 14, Sep 1960,
pp 122-124.

JPRS 6500

USSR

Pol

137,721

Jan 61

Experimental Study of the Heat Emission
of Carbon Dioxide in the Critical Region by a
Turbulent Flow in Pipes, by

B. N. Kolvasov.

RUSSIAN, per, Trudy MII, No 139,
1961, pp 193-200.

AEC-Windscale Tr-152

Sci-Chem
May 65

AEROSOL PULSATING UNIT NO. 1-5 "WILSON" BY G. I.
MELTON, 3 PP

RUSSEAN, FOR, BIRMINGHAM, NO 1, JALFANG
1963, PP 100-104.

JUNE 21, 70

SCI-8100 & MED SCI
REV 63

21, 70

(NY-1840)

FURTHER TASKS OF MECHANIZATION AND AUTOMATION
OF COMPUTATION OPERATIONS, BY G. I. KOLYADA,
10 PP.

RUSSIAN, PER, ZHELEZNODOROZHNYI TRANSPORT, NO 4,
1962, PP 42-45.

JPRS 14842

USSR
ECON
AUG 62

209,024

Study of the System Ureanyl Nitrate-8-Oxyguanine-
Water by the Solubility Method, by A. N. Klygin, N. S.
Kolyada, 5 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol XII, No 12, 1958,
pp 2767-2770.

ANC-tr-4460
PL-480

Sci

May 62

FWT 382

195,023

Twelve Papers on Logic and Differential
Equations, by Col'fand, Kolmogorov.
RUSSIAN, bk. Vol 29, 1943, 361 pp.
Amer. Math. Soc. LC No. 51-5359

Kolmogorov

Sci-Math
June 66

303,353

Six Lectures Delivered at the International
Congress of Mathematicians in Stockholm,
by Dynkin, Kolmogorov.
RUSSIAN, bk, Vol 31, 1963, 84 pp.
Amer. Math. Soc. LC No. 51-5559

Kolmogorov

Sci-Math
June 66

303,355

Science Demands Enthusiasm, by A. Kolmogorov, 6 pp.

RUSSIAN, np, Izvestiya, 1 21 Feb 1962.

NLL Tr Bulletin
Vol 4, No 8, 1962
(loan)

USSR
Soc
Oct 62

Handwritten notes:
The article is a...
The author is...

On the Representation of Continuous Functions of
Several Variables by Superpositions of Continuous
Functions of a Smaller Number of Variables, 4 pp.
by A. N. Kolmogorov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVIII,
1954, pp 179-182.

Amer Math Soc
Vol XVII, No 2

Sci - Math, Algebra
Phys

215,504

Oct 52

Lib of Congress Cat No A51-5559

Theory of Probability, by A. N. Kolmogorov.
RUSSIAN, bk, Vol 1, Part 4, 1963.
Amer. Mat. Soc. IC No. 62-22016)

A. N. Kolmogorov

Sci-Math
June 66

303,299

ϵ -Entropy and ϵ -Capacity of Sets in Functional
Spaces, by A. N. Kolmogorov, V. M. Tihomirov, 80 pp.

Heuk
RUSSIAN, per, Uspehi Matmat, Vol XIV, No 2(3),
1959, pp 3-8.

Amer Math Soc
Vol XVII, No 2

215,505

Sci - Math, Algebra

Phys

Oct 52

Lib of Congress Cat No A51-5559

USSR/ Sci

On Inequalities Between the Upper Bounds of the
Successive Derivatives of an Arbitrary Function on
an Infinite Interval, by A. Kolmogorov
RUSSIAN, Scientific Memoirs of the Moscow State
University; Mathematics, Vol 30, 1939.
XXX

AEC Tr

Ames Math Soc Lr T-41 A-5619

(NY-3000)

POTENTIAL SOURCES OF INCREASED LABOR PRODUCTIVITY
AT THE MINES OF THE PYSHMA ORE ADMINISTRATION,
BY N. P. BLOKH, P. I. KOLUPAYEV, 13 PP.

RUSSIAN, PER, GORNYI ZHUR, NO 1, 1962,
PP 39-41.

JPRS 14422

USSR
ECON
SCI - MIN/MET
JUL 62

202,473

Kolmogorov, A.
ON THE ANALYTICAL METHODS OF PROBABILITY
THEORY. [1961] [61]p.
Order from SLA \$6.60

62-10151

Trans. of [Mathematische Annalen] (Germany) 1931,
v. 104, p. 415-458.

DESCRIPTORS: *Probability, Statistical processes,
Measure theory, Differential equations.

(Mathematics, TT, v. 8, no. 10)

62-10151

I. Kolmogorov, A.

C226188

Office of Technical Services

Stationary Sequences in Hilbert Space, by
A. Kolmogorov, 70 pp. UNCLASSIFIED

RUSSIAN, per, ^Kizvestiya' Moskovskogo
Universiteta, Vol II, No 6, 1941,
pp 1-40.

20,543

Sci Tr Center
RT-1876

Scientific - Mathematics

Jan 55 CTB
[illegible]

The Work of S. N. Bernshtein on the Theory of
Probability, by A. N. Kolmogorov, O. V.
Sarmanov, 7 pp.

RUSSIAN, per, Teoriya Veroyatnostey i yeye
Primeneniya, Vol V, No 2, 1960X

SIAM

Sci

199,021

Jun 62

(DC-3901)

Automatons and Living Beings, by A. N. Kolmogorov,
4 pp.

RUSSIAN, ~~the~~ bk, Mashinnyy Perevod i Prikladnaya
Lingvistika, No 6, 1961, pp 3-8.

JPBS L 13790

Sci - Misc
Machine Translation
May 62

195, 9/2

Various Approaches to Estimating the Difficulty of
Approximate Definition and Computation of Functions,
by A. N. Kolmogorov.

RUSSIAN, rpt, Proceedings of the International Congress
of Mathematicians in Stockholm, 1962, pp 351-356.

Amer Math Soc

22

Sci - Math & Data Proc

Oct 63

241, 4/98

On the Definition of an Algorithm, by A. N. Kolmogorov.

RUSSIAN, per, Uspehi Mat Nauk, Vol. XIII, No 4(82,) 1958, pp 3-28.

Amer Math Soc

Sci - Math & Data Proc
Oct 63

241,511

On a Probabilistic Problem of Optimum Control, by
A. N. Kolmogorov, E. F. Mishchenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLV, No 5,
1962, pp 993-995.

CIA/FDD XX-1262

NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Oct 62

USIB INTERNAL USE ONLY

212,910

Mathematics Schools for Youth, by A. N.
Kolmogorov, I. M. Yaglom, 2 pp.

RUSSIAN, per, Vestnik Vysshey Shkoly, No 11,
1959, pp 66-69.

Interntl Arts and Sci Press
Soviet Education
Vol II, No 5

USSR
Soc
Jun 60

(NY-6502)

IT IS POSSIBLE TO DERIVE EQUATIONS OF HEALTH,
BY A. N. KOLMOGOROV, 13 PP.

RUSSIAN, PER, TEKHNKA MOLODEZHI, NO 12,
1961.

JPRS 14354

SCI - MISC
CYBERNETICS
JUL 62

202,397

(NY-6502)

AUTOMATIC MACHINES AND LIFE, BY A. N. KOLMOGOROV,
9 PP.

RUSSIAN, PER, TEKNIKA MOLODEZHI, ~~XXXX~~, NO 11,
1961.

JPRS 14354

SCI - MISC
CYBERNETICS
JUL 62

202,394

(NY-6502)

AUTOMATIC MACHINES AND LIFE, BY ~~XX~~ A. N.
KOLMOGOROV, 14 PP.

RUSSIAN, PER, TEKHNIKA MOLODEZHI, NO 10, 1961.

JPRS 14354

SCI - MISC
CYBERNETICS
JUL 62

202,393

(FDD 18407)

Ivan Georgiyevich Petrovskiy (On His 50th Birthday),
by A. N. Kolmogorov, 10 pp.

RUSSIAN, bimo per, Uspekhi Matemat. Nauk, Vol VI, No 3,
Moscow/Leningrad, May/Jun. 1951, pp 160-164.

CIA/FDD/U-5132

USSR

Sci - ~~HEM~~ Math

Bio

P810

Entropy and Capacity of Sets in Functional Spaces,
by Kolmogorov, A. N.

RUSSIAN, per *Uspehi Mat Nauk*, Vol XIV, 1959,
pp 3-86.

★ Trans Comm of Amer
Math Soc

Vol XVII, No 2

Sci
Aug 60

Two Uniform Limit Theorems for Sums of Independent
Random Variables, by A. N. Kolmogorov.

RUSSIAN, per, Teoriya Veroyatnostei i ye Prim,
Vol I, No 4, 1956, pp 426-436.

Sec for Ind & Applied Math

Sci
Nov 60

132,011

On Skorokhod Convergence, by A. N. Kolmogorov,
RUSSIAN, per, Teoriya Veroyatnostei i ye Prim,
Vol I, No 2, 1956, pp 239-247.

Sec for Ind & Applied Math

Sci
Nov 60

132,010

Collection of Articles on the Theory of Firing.
I, by A. N. Kolmogorov, A. A. Svesnikov, I. A.
Gubler, 137 pp.

RUSSIAN, *Trudy Matematicheskogo Instituta*
imeni V. A. Steklova, Vol. XII, 1945, pp 1-106.

Done by RAND/AF
Santa Monica, Calif
Trans T-14

Sci Tr Center

MT-2312

AF226966

C39464

Scientific - Mathematics

ONE 69/Jun 95

24, 7/8

Kolmogorov, A. N.
GENERAL THEORY OF DYNAMIC SYSTEMS AND
CLASSICAL MECHANICS. [1962] 32p. 24 refs.
Order from SLA \$3.60 62-14780

Trans. of mono. International Congress of Mathema-
ticians [held at] Amsterdam, 2-9 Sep 54. [Proceedings]
v. 1, Amsterdam, 1957, p. 315-333.

DESCRIPTORS: *Mechanics, Dynamics, Applied me-
chanics, *Measure theory, Applied mathematics,
Mathematics

I have set myself the task of determining the modes of
applying the fundamental concepts and the results of the
contemporary metric and spectral theory of dynamic
systems to the study of conservative dynamic systems
(Author)

(Mechanics. TT, v. 8, no. 6)

62-14780

I. Kolmogorov, A. N.

C222815

Office of Technical Services

Unbiased Estimates, by A. N. Kolmogorov, 26 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Mat, Vol XIV, No 4,
1950, pp 303-326.

Sci Trans Center RT-862

Scientific - Mathematics
CTS/DEX

Sci Trans Lib 54/0997

14,083

Calculation of the Parameters of a Normal Distribution
from a Limited Number of Observations, by A. N.
Kolmogorov

ISSUED in, Iz Ak Nauk, Ser Mat, No 6, 1982, pp
1-12.

TPA3/TIB T.2262

Mathematics CTS/DEX

5507

110

On the Definition of Algorithms, by
A. N. Kolmogorov and V. A. Uspenskiy, 28 pp.
RUSSIAN, per, Eng-Math. Mon., Vol 13, No 4,
1953, pp 1-28.
P911005568
ARC ARL-TRANS-534

Sci-Math
Feb 63

A. N. Kolmogorov
367,503

On the Entropy per Unit Time as a Metric Invariant
of Automorphisms, by A. N. Kolmogorov.

^{SSR}
RUSSIAN, per, Dok Ak Nauk, Vol CXXIV, No 4, Feb
1959, pp 754-755.

Internatl Physical Index
Automation Express
Vol I, No 10

Sci

Aug 59

93, 865

On the General Definition of the Quantity of Information, by I. M. Gel'fand, A. N. Kolmogorov, A. M. Laglom, 7 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXI, No 4, 1956, pp 745-748.

SLA Tr R-810

Sci - Mathematics

52, 315

Aug 57